

ESSAR BULK TERMINAL – MAGDALLA PORT (HAZIRA)

PORT OVERVIEW	
UN / LOCODE	IN MDA
Mode of Operation	Alongside Berth – Sea Water
Port Location	Latitude: 21.14295° Longitude: 72.73112°
BA Charts	Approach: BA 3473 / Indian Chart 2108. Recommended: BA 3465 / Indian Chart 2101 (most suitable for Hazira coastal approach)
Anchorage Position	Location: 21°02'N 72°34.5'E Area: 2 NM length x 3 NM width Boundary: 20°59'N 72°34.5'E; 20°59'N 72°36.4'E; 21°02'N 72°36.5'E Bottom Quality: Clay
Communication	VHF Channel No. 71
Night Navigation	Permitted – subject to arrival draught / LOA of the vessel
Tide	MLWS +1.53 m MLWN +3.06 m MSL +4.42 m MHWN +5.78 m MHWS +7.31 m
Pilot Boarding	Compulsory
Weather	Mid Jun–Sept: SW Monsoon – Moderate to strong SW winds; occasional cyclones

Stevedores Working Hours	24 x 7 – No holidays affecting port operations
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NEAREST AIRPORTS			
Airport Name	Type	Code	Distance from Port
Surat Airport	Domestic	STV	28 km
Mumbai Airport	International	BOM	315 km

PORT RESTRICTIONS	
Draught (Berth)	14.0 metres
LOA	245 metres
Beam	40 metres
Air Draught	Not Applicable
Water Density	1.020 – 1.025 WOG

PORT FACILITIES

Shore Crane	Available	Garbage Disposal	Available
Grabs	N/A – Can be outsourced from other port	Provision	Available – Authorised vendors through agent
Floating Crane	N/A	Crew Change	Available (Restricted: China, Pakistan, Bangladesh, Korea, Sri Lanka)
Bunker	Available – Subject to availability		
Fresh Water	Available	Repairing	Available – Authorised vendors through agent
Sludge Disposal	Available	Hold Cleaning Gang	Not Available – Can be outsourced subject to availability

CARGO JETTY & BERTH PARAMETERS

Berth No.	Draught (m)	LOA (m)	Beam (m)	Dead Weight	Air Draught	Shore Crane	Cargo	Commodities
1	14.0	300 m	50 m	–	–	Available – placement subject to availability and terms of contract	Iron Ore Discharge Rate: 25,000–30,000 MT/Day	1). Deep Draught Berth 1,650 Meter & Shallow Water Berth 1,182 Meter
2	14.0	300 m	50 m	–	–		Lime Stone Discharge Rate: 10,000–12,000 MT/Day (Max 15,000)	2). UKC 0.6 M at berth and 1.3 M in channel
3	14.0	300 m	50 m	–	–		Coal Discharge Rate: 15,000–20,000 MT/Day	3). As Safe Operation draught will be declared by terminal case to case
4	14.0	300 m	50 m	–	–		Steel Cargo Load Rate: 5,000–6,500 MT/Day (Max 8,000, subject to stowage)	4). Vessel acceptance has to be obtained from terminal before fixing of the vessel
5	14.0	300 m	50 m	–	–		Coal Fines Load Rate: 8,000–10,000 MT/Day (Max 12,000, subject to availability of stock)	
6	14.0	150 m	50 m	–	–		–	